

FIG.

FIG. 2

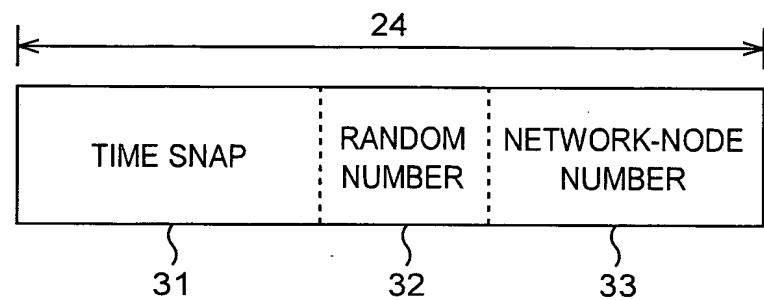
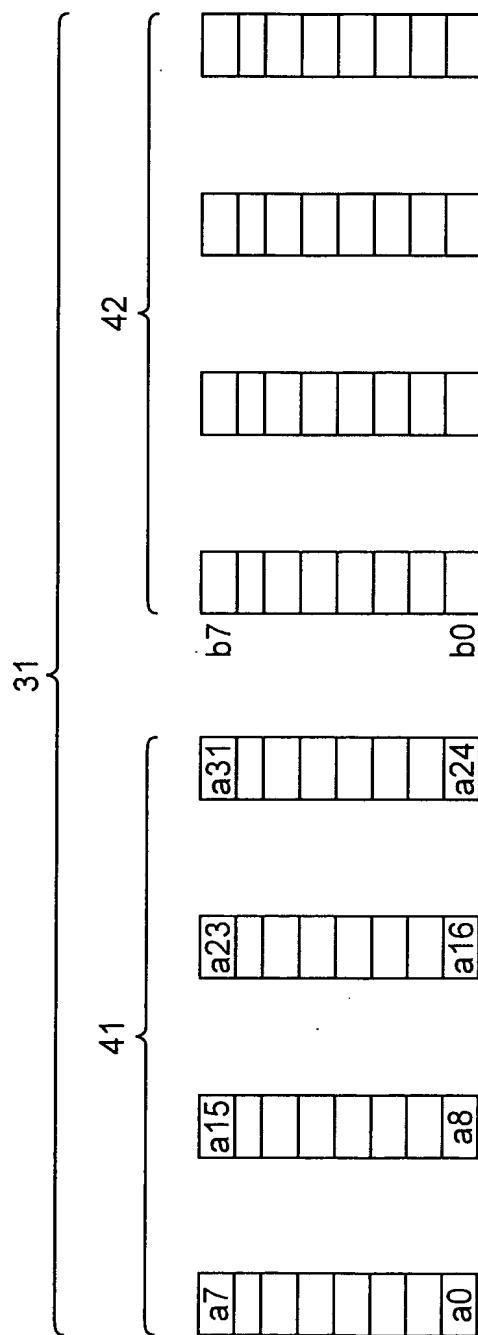


FIG. 3



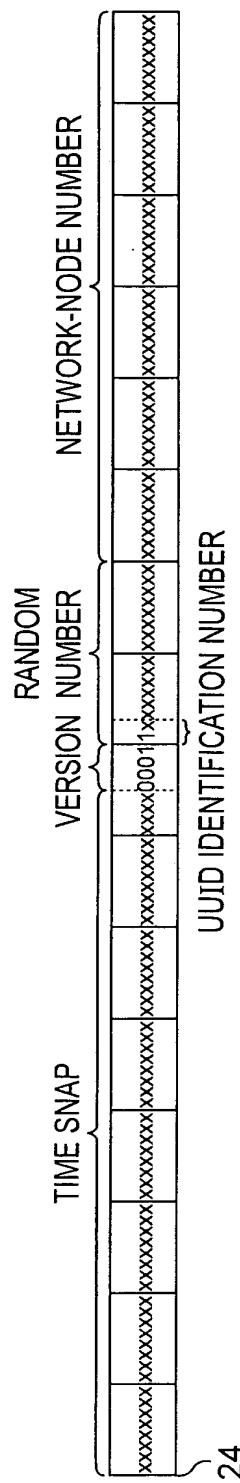


FIG. 5

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06	0A	2B	34	xxxxxxxx												
----	----	----	----	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------	----------

FIG. 6

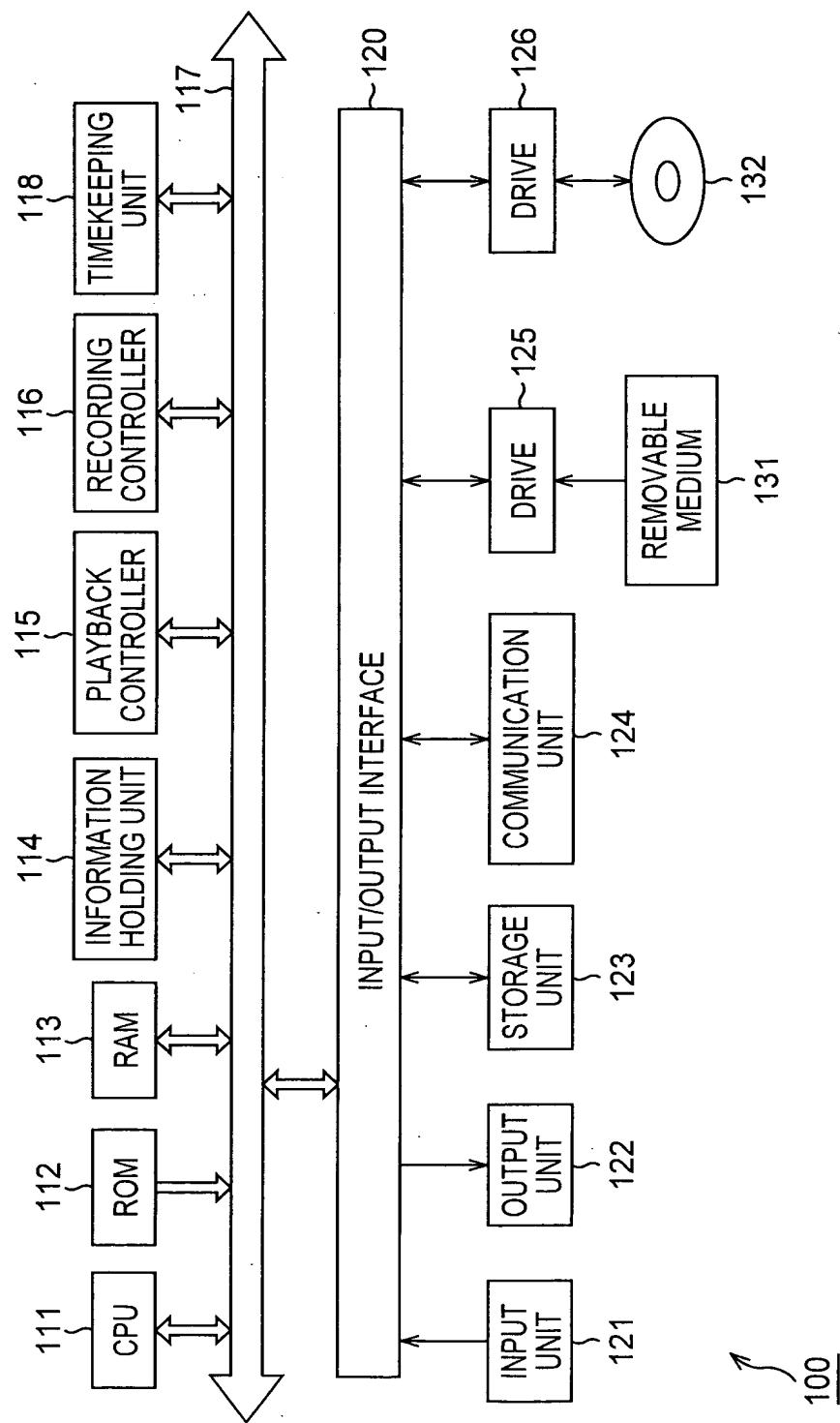


FIG. 7

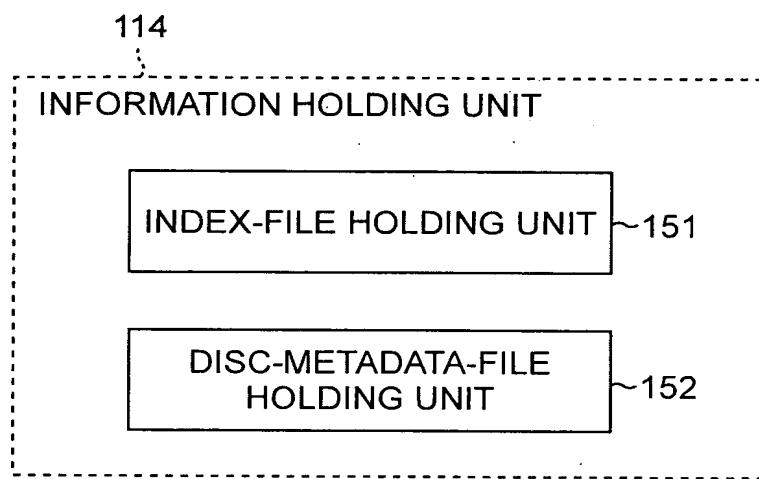


FIG. 8

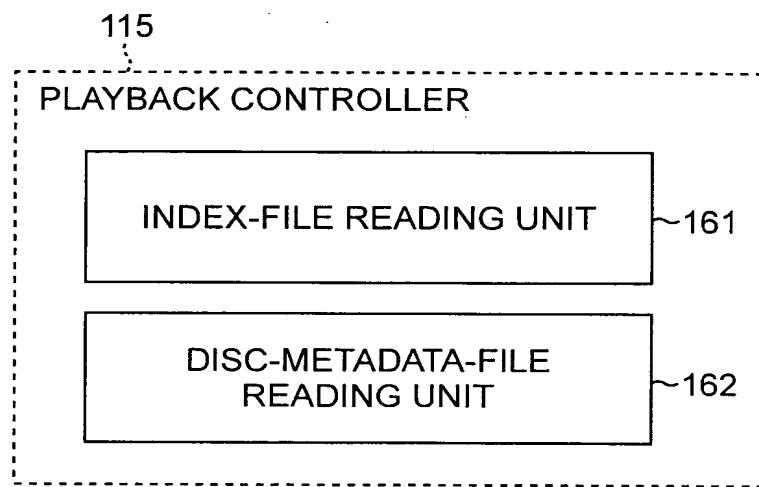
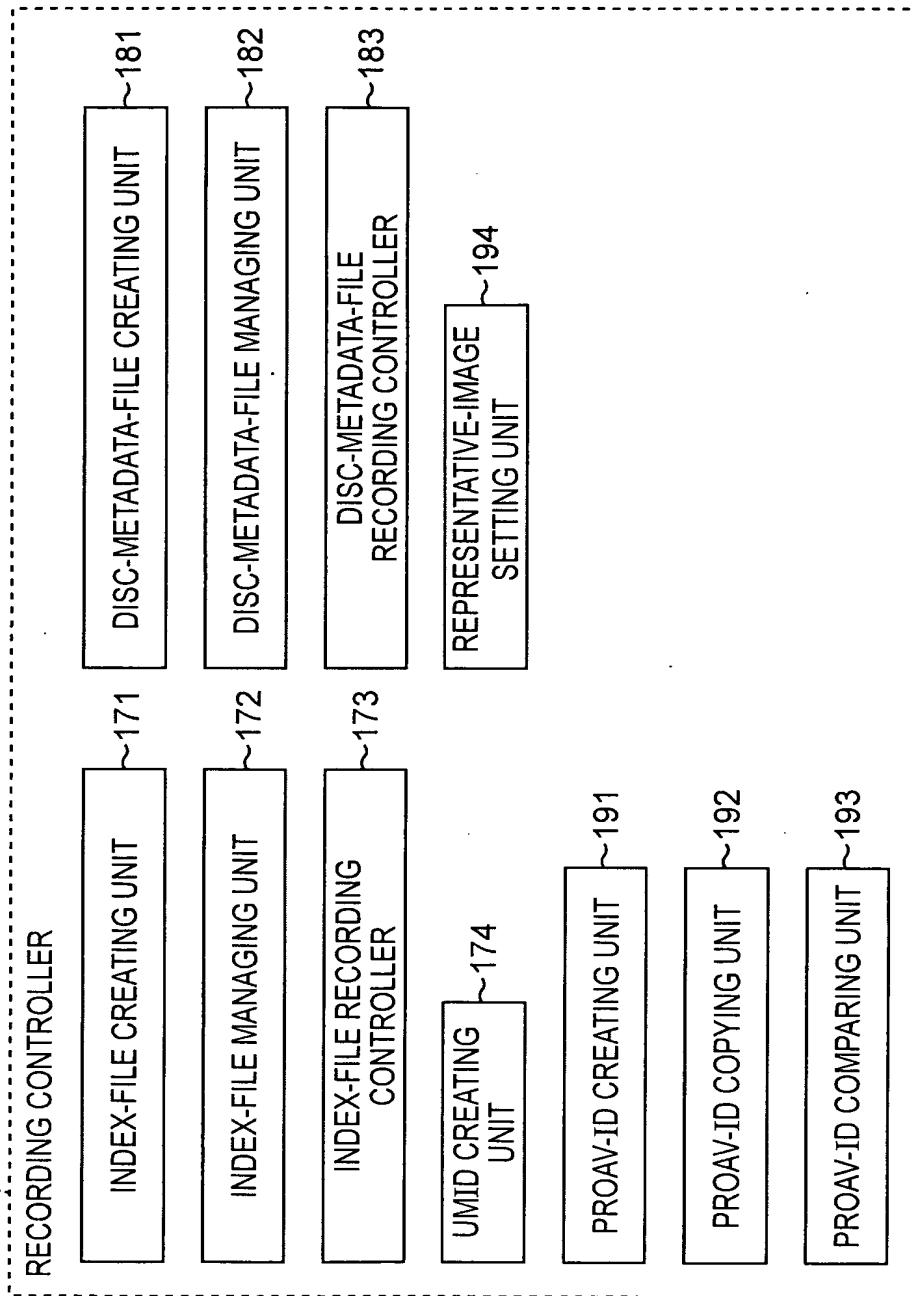


FIG. 9

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FIG. 10

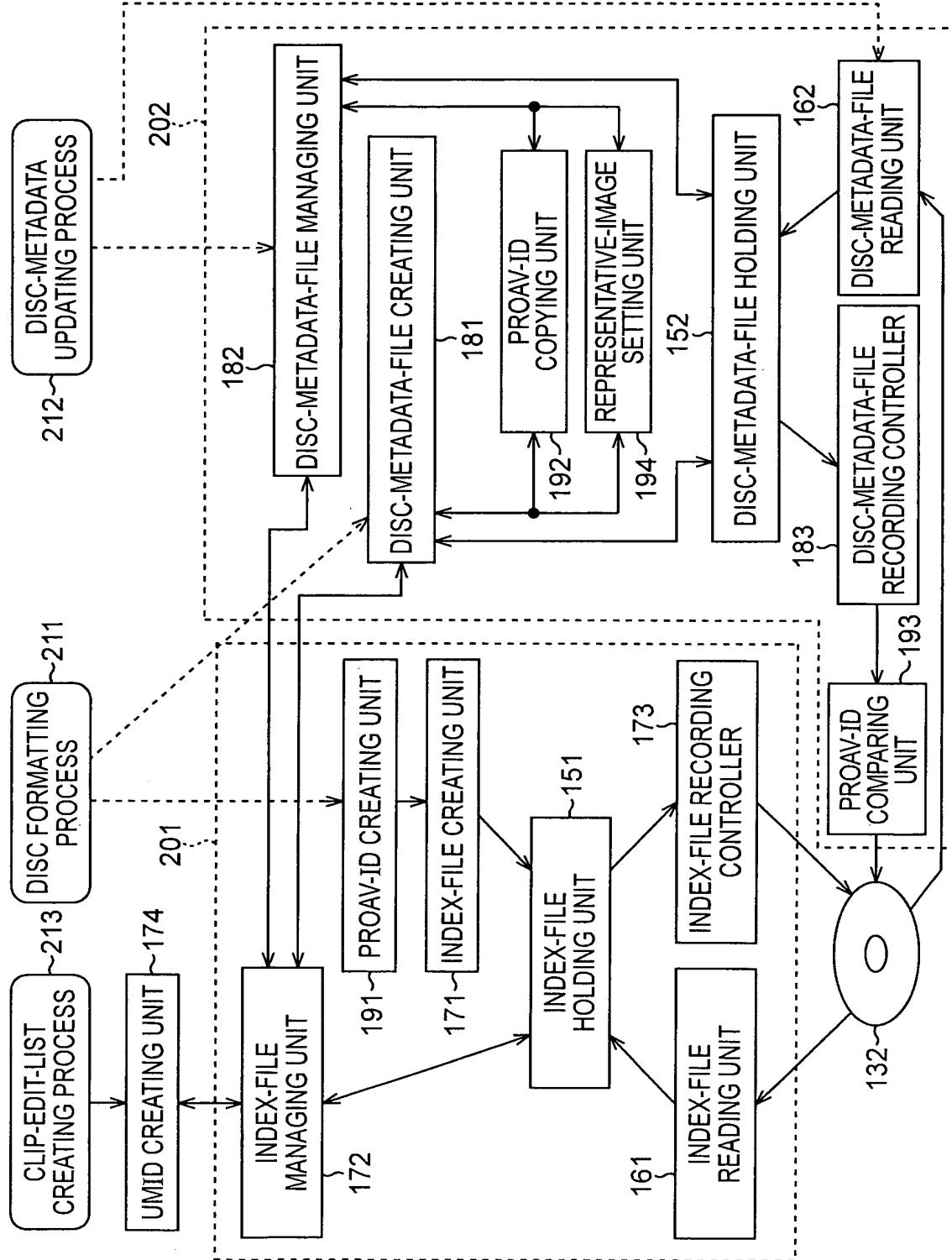


FIG. 11

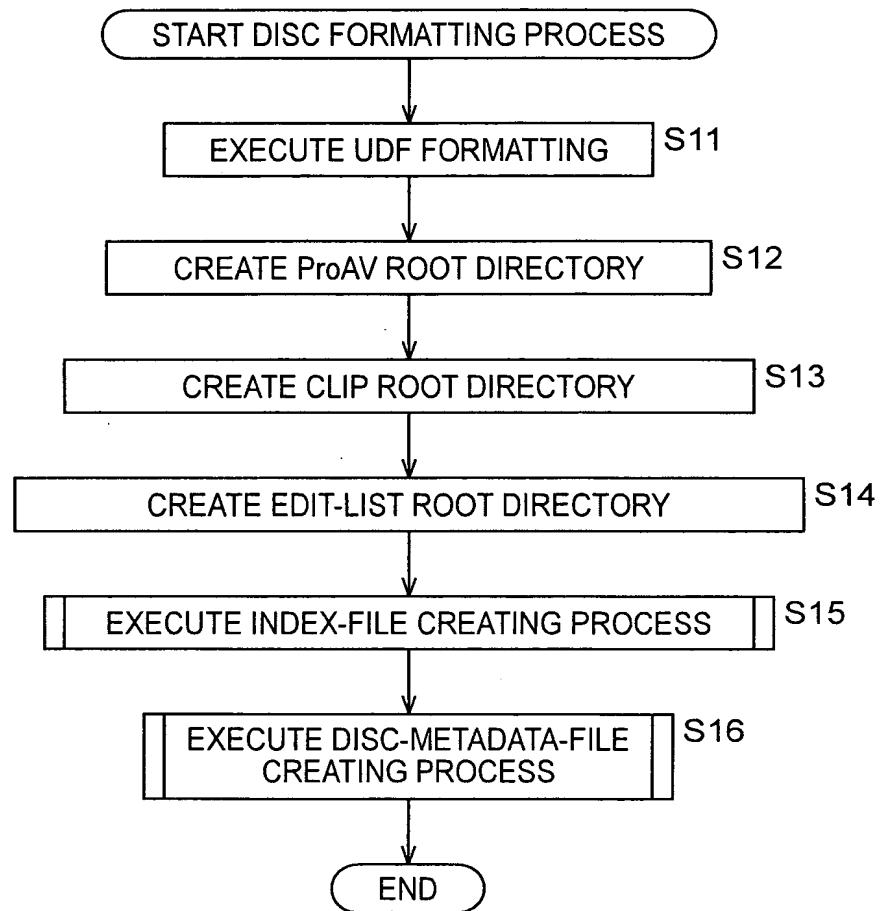


FIG. 12

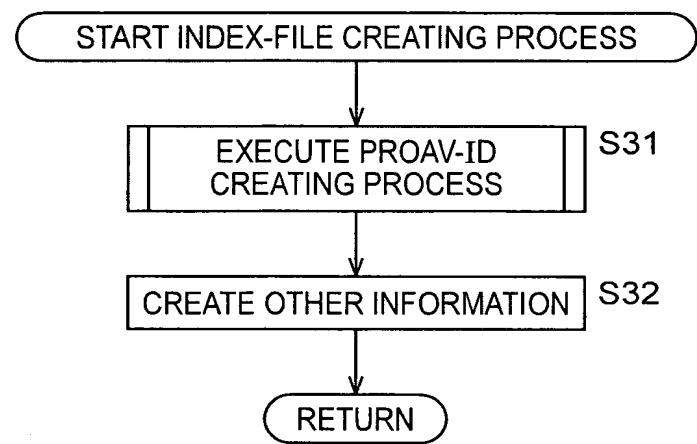


FIG. 13

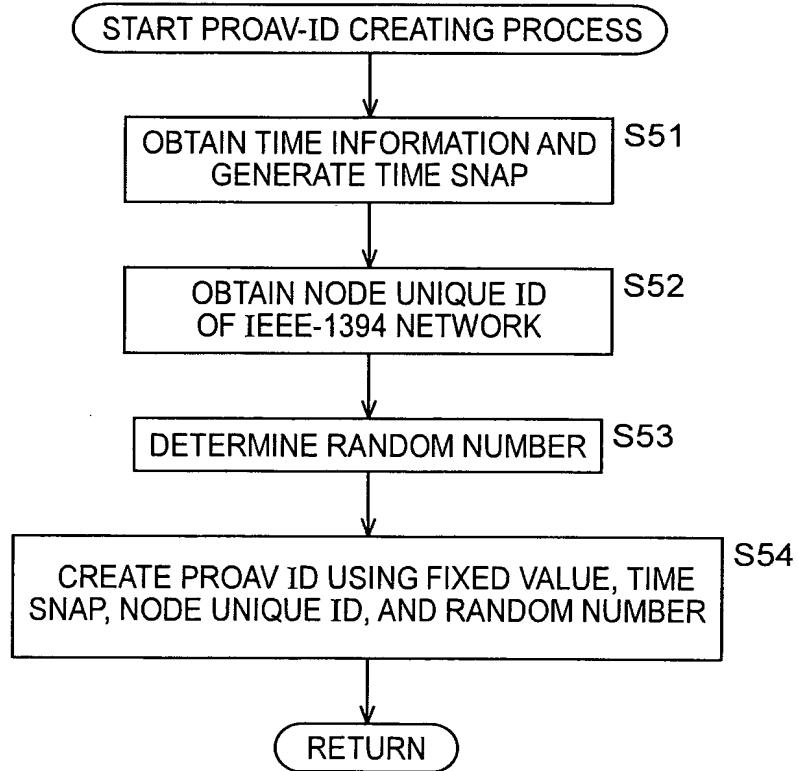
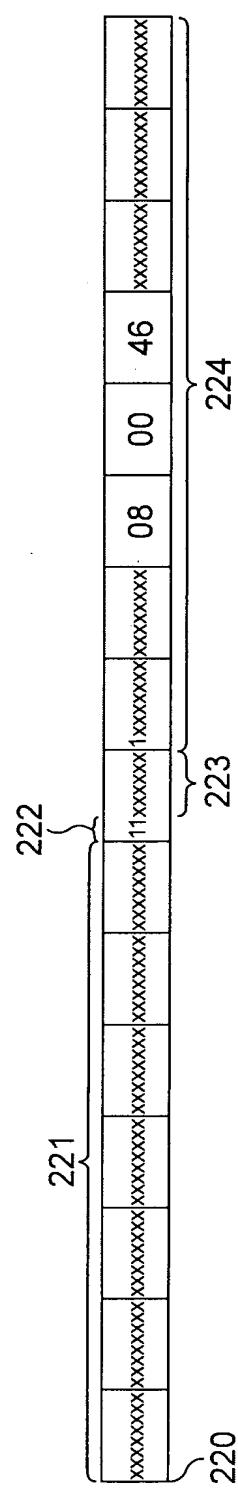


FIG. 14



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FIG. 15

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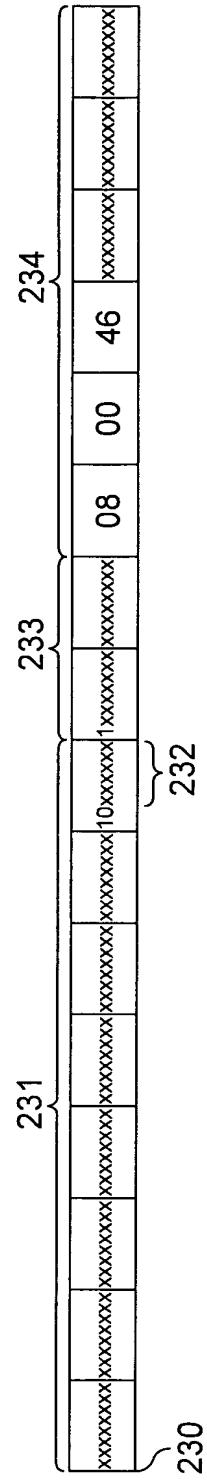


FIG. 16

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```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <indexFile xmlns="urn:schemas-professionalDisc:index"
3   proavId="0123456789ABCDEF0123456789ABCDEF">
4   <clipTable path="/PROAV/CLPR/">
5     <!-- Normal Clip -->
6     <clip id="C0001" umid="0D1213000000000000104444484EEEE00E0188E130B"
7       file="C0001C01.SMI" fps="59.94" dur="12001" ch="4" aspectRatio="4:3">
8       <video umid="0D1213000000000000104444484EEEE00E0188E130B"
9         file="C0001V01.MXF" type="DV25 411" header="65536"/>
10      <audio umid="0D121300000000000104444484EEEE00E0188E130B"
11        file="C0001A01.MXF" type="LPCM16" header="65536" trackDst="CH1"/>
12      <audio umid="0D121300000000000104444484EEEE00E0188E130B"
13        file="C0001A02.MXF" type="LPCM16" header="65536" trackDst="CH2"/>
14      <audio umid="0D121300000000000104444484EEEE00E0188E130B"
15        file="C0001A03.MXF" type="LPCM16" header="65536" trackDst="CH3"/>
16      <audio umid="0D121300000000000104444484EEEE00E0188E130B"
17        file="C0001A04.MXF" type="LPCM16" header="65536" trackDst="CH4"/>
18      <subStream umid="0D121300000000000104444484EEEE00E0188E130B"
19        file="C0001S01.MXF" type="PD_SubStream" header="65536"/>
20      <meta file="C0001M01.XML" type="PD-Meta"/>
21      <meta file="C0001M02.TXT" type="key:0123456789ABCDEF"/>
22      <meta file="C0001R01.BIM" type="std2K" header="65536"/>
23    </clip>
24    <!-- Partial Deleted Clip -->
25    <clip id="C0002" umid="0D121300000000000104444484EEEE00E0188E130B"
26      file="C0002C01.SMI" fps="59.94" dur="4000" ch="4" aspectRatio="4:3">
27      <video umid="0D121300000000000104444484EEEE00E0188E130B"
28        file="C0002V01.MXF" type="IMX50" header="80000"/>
29      <audio umid="0D121300000000000104444484EEEE00E0188E130B"
```

FIG. 17

```

1   file="C0002A01.MXF" type="LPCM16" header="100000" trackDst="CH1"/>
2   <audio umid="0D121300000000000104444484EEEE00E0188E130B"
3   file="C0002A02.MXF" type="LPCM16" header="100000" trackDst="CH2"/>
4   <audio umid="0D121300000000000104444484EEEE00E0188E130B"
5   file="C0002A03.MXF" type="LPCM16" header="100000" trackDst="CH3"/>
6   <audio umid="0D121300000000000104444484EEEE00E0188E130B"
7   file="C0002A04.MXF" type="LPCM16" header="100000" trackDst="CH4"/>
8   <subStream umid="0D121300000000000104444484EEEE00E0188E130B"
9   file="C0002S01.MXF" type="PD-SubStream" header="90000"
10  clipBegin="8"/>
11  <meta file="C0002M01.XML" type="PD-Meta"/>
12  <rtmeta file="C0002R01.BIM" type="std2k" header="700000"/>
13  </clip>
14  <!-- Refered Clip -->
15  <clip id="C0003" umid="0D121300000000000104444484EEEE00E0188E130B"
16  file="C0003C01.SMI" fps="59.94" dur="100000" ch="4" aspectRatio="4:3"
17  referer="E0001 E0002 E0003">
18  <video umid="0D1213000000000000000104444484EEEE00E0188E130B"
19  file="C0003V01.MXF" type="IMX50" header="65536"/>
20  <audio umid="0D12130000000000000104444484EEEE00E0188E130B"
21  file="C0003A01.MXF" type="LPCM16" header="65536" trackDst="CH1"/>
22  <audio umid="0D12130000000000000104444484EEEE00E0188E130B"
23  file="C0003A02.MXF" type="LPCM16" header="65536" trackDst="CH2"/>
24  <audio umid="0D12130000000000000104444484EEEE00E0188E130B"
25  file="C0003A03.MXF" type="LPCM16" header="65536" trackDst="CH3"/>
26  <audio umid="0D12130000000000000104444484EEEE00E0188E130B"
27  file="C0003A04.MXF" type="LPCM16" header="65536" trackDst="CH4"/>
28  <subStream umid="0D12130000000000000104444484EEEE00E0188E130B"
29  file="C0003S01.MXF" type="PD-SubStream" header="65536"/>

```

FIG. 18

```
1  <meta file="C0003M01.XML" type="PD-Meta"/>
2  <rtmeta file="C0003R01.BIM" type="std2k" header="65536"/>
3  </clip>
4  <!-- Long GOP -->
5  <clip id="C0004" umid="0D12130000000000104444484EEE00E0188E130B"
6  file="C0004C01.SMI" fps="59.94i" dur="12001" ch="4" aspectRatio="16:9"
7  referer="E0004">
8  <video umid="0D1213000000000000104444484EEE00E0188E130B"
9  file="C0004V01.MXF" type="MPEG2HD25_1440_MP@HL" header="65536"/>
10 <audio umid="0D12130000000000104444484EEE00E0188E130B"
11 file="C0004A01.MXF" type="LPCM16" header="65536" trackDst="CH1"/>
12 <audio umid="0D12130000000000104444484EEE00E0188E130B"
13 file="C0004A02.MXF" type="LPCM16" header="65536" trackDst="CH2"/>
14 <audio umid="0D12130000000000104444484EEE00E0188E130B"
15 file="C0004A03.MXF" type="LPCM16" header="65536" trackDst="CH3"/>
16 <audio umid="0D12130000000000104444484EEE00E0188E130B"
17 file="C0004A04.MXF" type="LPCM16" header="65536" trackDst="CH4"/>
18 <subStream umid="0D12130000000000104444484EEE00E0188E130B"
19 file="C0004S01.MXF" type="PD-SubStream" header="65536"/>
20 <meta file="C0004M01.XML" type="PD-Meta"/>
21 <meta file="C0004I01.XML" type="PD-PP"/>
22 <rtmeta file="C0004R01.BIM" type="std2k" header="65536"/>
23 </clip>
24 </clipTable>
25 <editList path="/PROAV/EDTR"/>
26 <editList id="E0001" umid="0D12130000000000104444484EEE00E0188E130B"
27 file="E0001E01.SMI" dur="500" fps="59.94i" ch="4" aspectRatio="4:3">
28 <meta file="E0001M01.XML" type="PD-Meta"/>
```

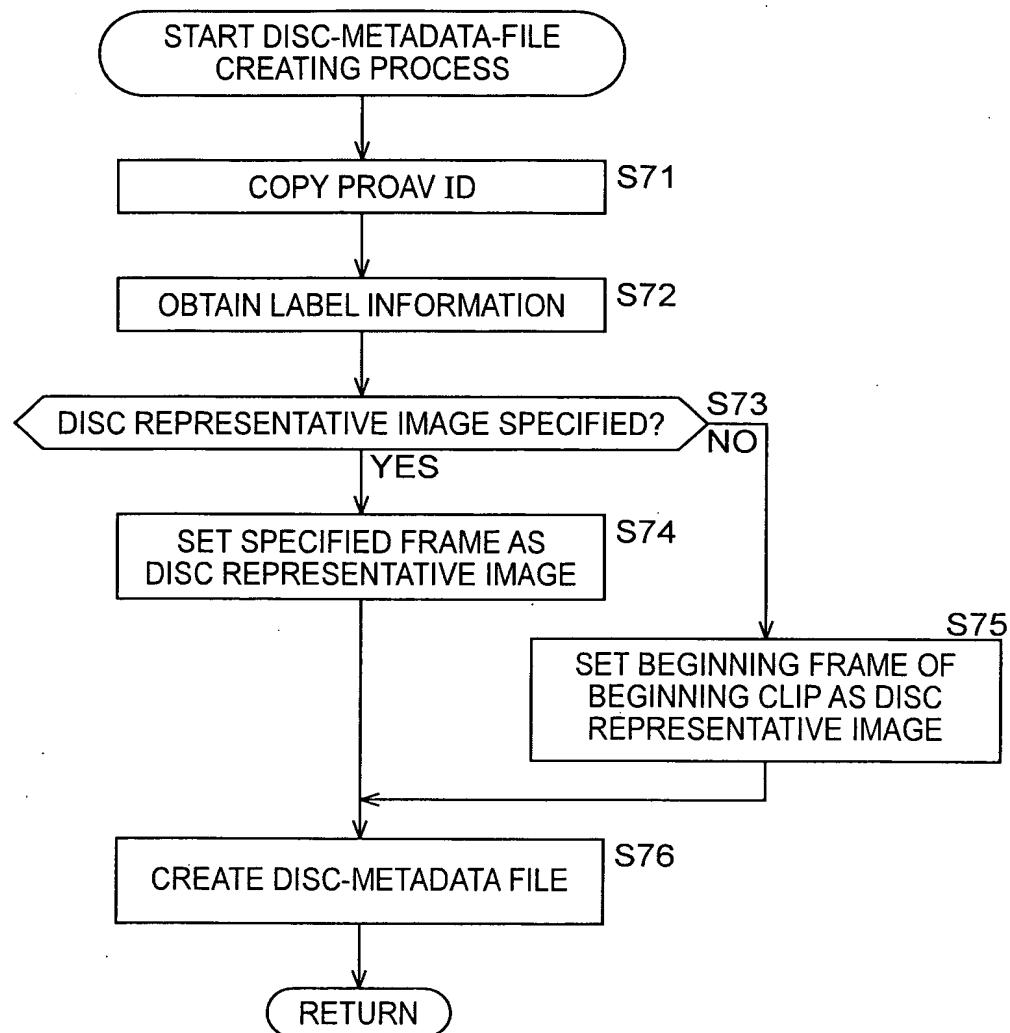
FIG. 19

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```
1 </editlist>
2 <editlist id="E0002" umid="0D1213000000000000104444484EEEE00E0188E130B"
3   file="E0002E01.XML" dur="500" fps="59.94" ch="4" aspectRatio="4:3">
4     <meta file="E0002M01.XML" type="PD-Meta"/>
5   </editlist>
6   <editlist id="E0003" umid="0D1213000000000000104444484EEEE00E0188E130B"
7     file="E0003E01.XML" dur="500" fps="59.94" ch="4" aspectRatio="4:3">
8     <meta file="E0003M01.XML" type="PD-Meta"/>
9   </editlist>
10  <editlist id="E0004" umid="0D1213000000000000104444484EEEE00E0188E130B"
11    file="E0003E01.XML" dur="500" fps="59.94" ch="4" aspectRatio="16:9">
12    <meta file="E0003M01.XML" type="PD-Meta"/>
13    <meta file="E0003I01.XML" type="PD-PP"/>
14  </editlist>
15 </editlistTable>
16 </indexFile>
```

FIG. 20



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FIG. 21

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NUMBER	ELEMENT NAME	ELEMENT TYPE	VALUE FORMAT OR ENUMERATED VALUES	EXAMPLE OF VALUE	OCCUR-RANCE	MEANING	INPUT METHOD
1	mainTitle	nr			0-	MAIN TITLE	INPUT BY USER
2	subTitle	nr			0-	SUBTITLE	INPUT BY USER
3	otherTitle	nr			0-	OTHER TITLE	INPUT BY USER
4	CreationDate	lib:dateTimeType			0-	CREATION DATE OF Index File	AUTOMATICALLY RECORDED BY SET WHEN INDEX File IS CREATED.
5	userDate	lib:dateTimeType			0-	DATE AND TIME USER WISHES TO ENTER	INPUT BY USER
6	userDefinedID	7bit ASCII	NOT MORE THAN 63 CHARACTERS		0-1	USER-DEFINED MANAGEMENT ID	INPUT BY USER
7	description	UTF-8	NOT MORE THAN 1023 byte		0-1	FREE TEXT	INPUT BY USER
8	typ	7bit ASCII	12 CHARACTERS	CXXXX-YYYYYY XXXX: CLIP NUMBER YYYYYY; FRAME NUMBER	C0001-1	0-1	REPRESENTATIVE FRAME OF DISC, SPECIFIED BY CLIP AND FRAME NUMBERS. INITIAL VALUE IS C0001-1.
9	PROAV ID	7bit ASCII	16 CHARACTERS		1	SAME AS PROAV ID OF Index File	AUTOMATICALLY RECORDED BY SET WHEN INDEX File IS CREATED.

FIG. 22

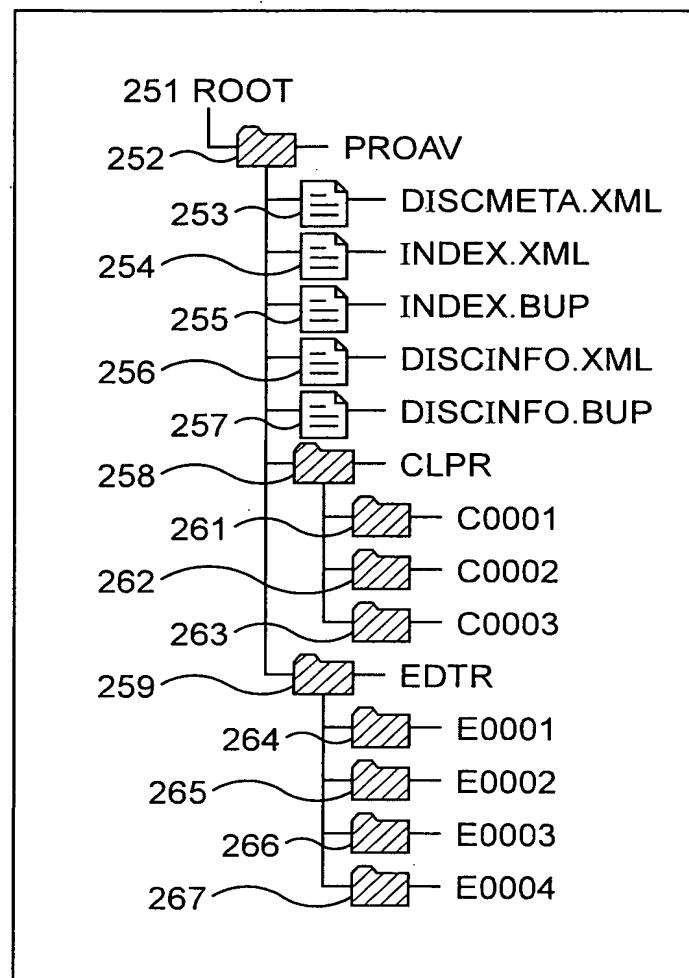


FIG. 23

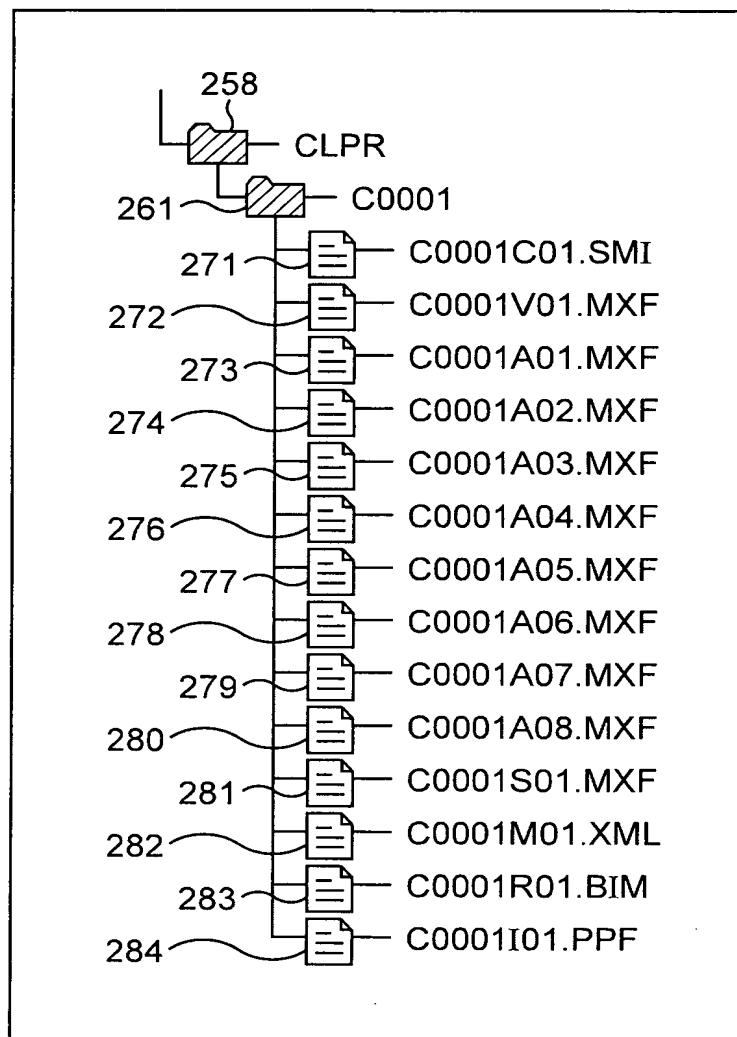


FIG. 24

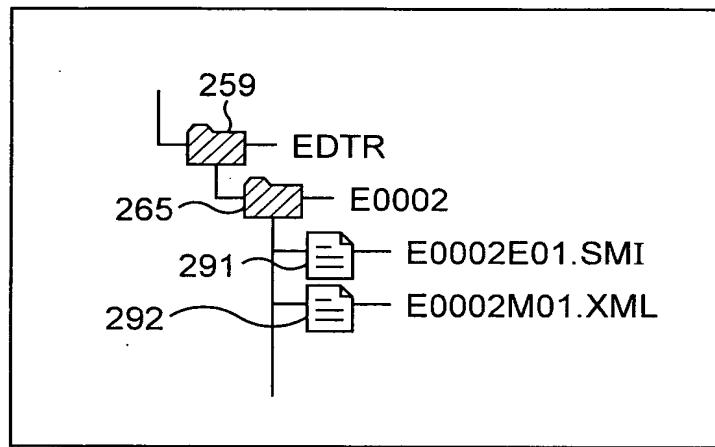


FIG. 25

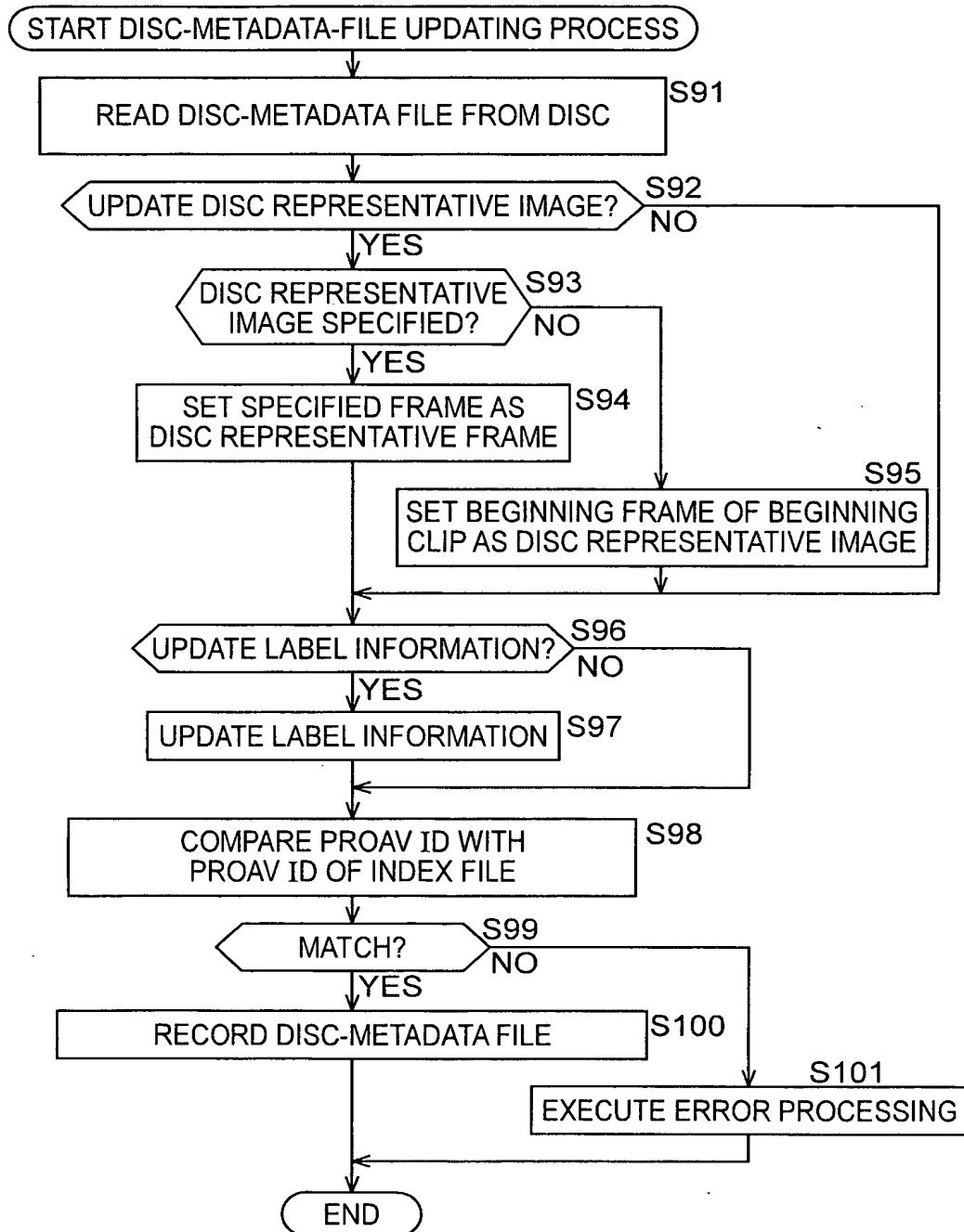


FIG. 26

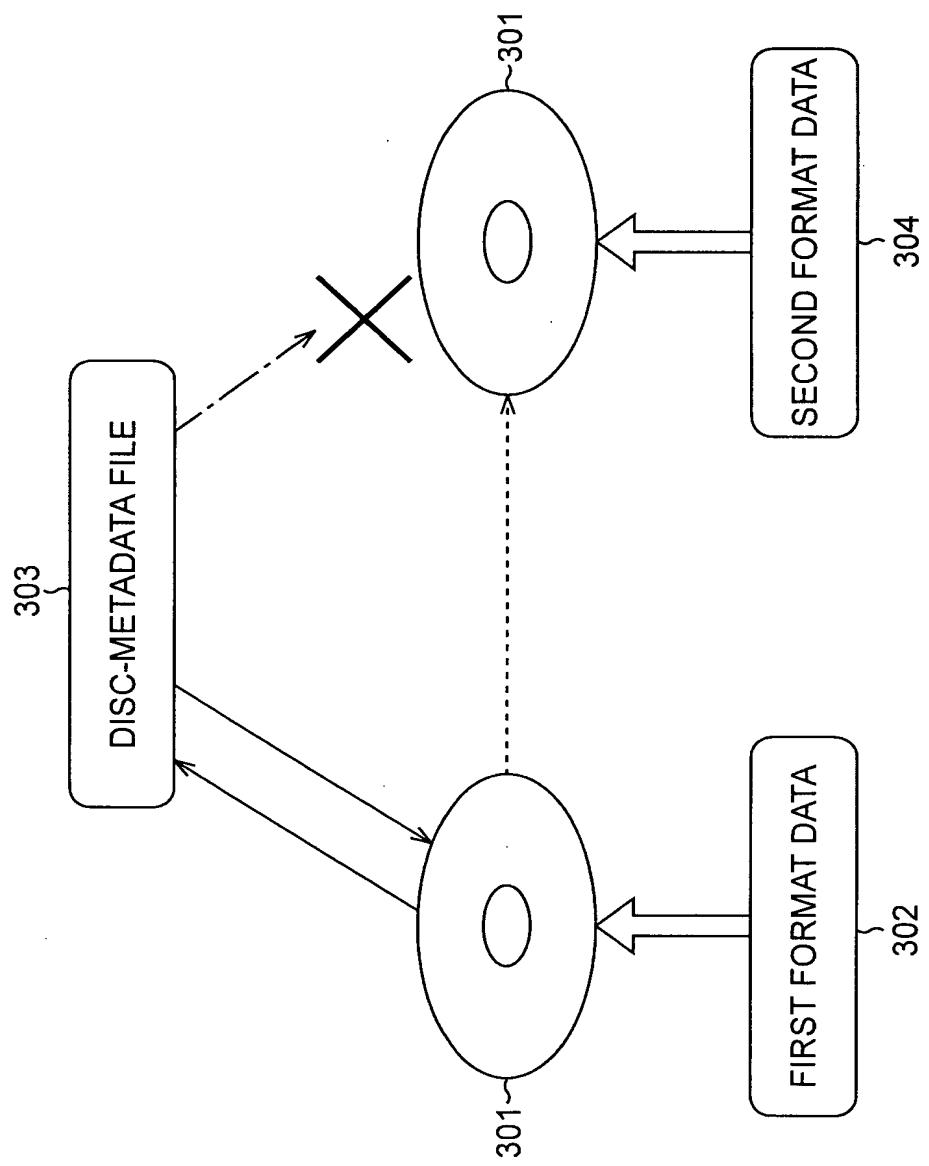


FIG. 27

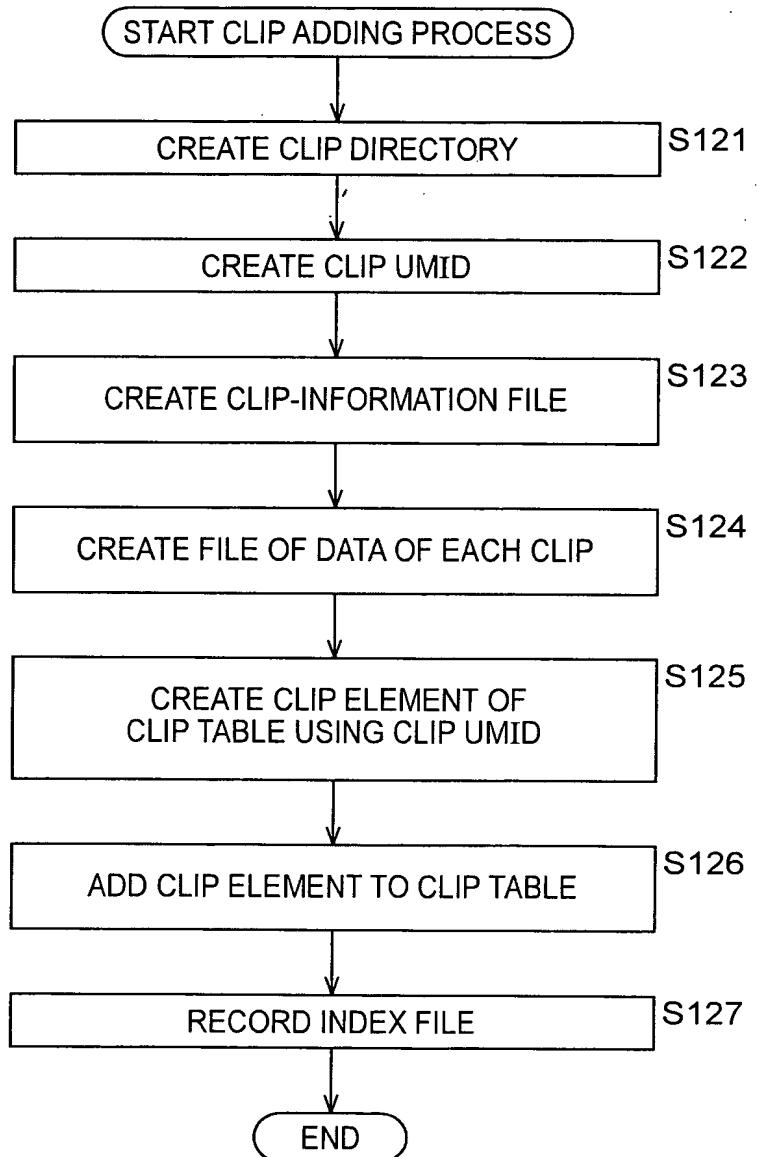


FIG. 28

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```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <smil xmlns="urn:schemas-professionalDisc:ed:clipInfo">
3  <?xml version="1.0" encoding="UTF-8"?>
4  <?xml version="1.0" encoding="UTF-8"?>
5  <?xml version="1.0" encoding="UTF-8"?>
6  <?xml version="1.0" encoding="UTF-8"?>
7  <?xml version="1.0" encoding="UTF-8"?>
8  <?xml version="1.0" encoding="UTF-8"?>
9  <?xml version="1.0" encoding="UTF-8"?>
10 <?xml version="1.0" encoding="UTF-8"?>
11 <?xml version="1.0" encoding="UTF-8"?>
12 <?xml version="1.0" encoding="UTF-8"?>
13 <?xml version="1.0" encoding="UTF-8"?>
14 <?xml version="1.0" encoding="UTF-8"?>
15 <?xml version="1.0" encoding="UTF-8"?>
16 <?xml version="1.0" encoding="UTF-8"?>
17 <?xml version="1.0" encoding="UTF-8"?>
18 <?xml version="1.0" encoding="UTF-8"?>
19 <?xml version="1.0" encoding="UTF-8"?>
20 <?xml version="1.0" encoding="UTF-8"?>
21 <?xml version="1.0" encoding="UTF-8"?>
22 <?xml version="1.0" encoding="UTF-8"?>
23 <?xml version="1.0" encoding="UTF-8"?>
24 <?xml version="1.0" encoding="UTF-8"?>
25 <?xml version="1.0" encoding="UTF-8"?>
26 <?xml version="1.0" encoding="UTF-8"?>
27 <?xml version="1.0" encoding="UTF-8"?>
28 <?xml version="1.0" encoding="UTF-8"?>
29 <?xml version="1.0" encoding="UTF-8"?>
30 <?xml version="1.0" encoding="UTF-8"?>
```

FIG. 29

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```
1 type="LPCM16" trackDst="CH4"/>
2 <audio
3 src="urn:smptr:umid:060A2B3401010501010D1213000000056789ABCDEF0123456789ABCDEF01234"
4 type="LPCM16" trackDst="CH5"/>
5 <audio
6 src="urn:smptr:umid:060A2B3401010501010D121300000006789ABCDEF0123456789ABCDEF012345"
7 type="LPCM16" trackDst="CH6"/>
8 <audio
9 src="urn:smptr:umid:060A2B3401010501010D12130000000789ABCDEF0123456789ABCDEF0123456"
10 type="LPCM16" trackDst="CH7"/>
11 <audio
12 src="urn:smptr:umid:060A2B3401010501010D1213000000089ABCDEF0123456789ABCDEF01234567"
13 type="LPCM16" trackDst="CH8"/>
14 </par>
15 <!-- sub stream -->
16 <ref
17 src="urn:smptr:umid:060A2B3401010501010D121300000009ABCDEF0123456789ABCDEF012345678"
18 type="SubStream" systemComponent="SubStream"/>
19 </switch>
20 <!-- realtime meta -->
21 <metastream src="C0001R01.BIM" type="required2k"/>
22 </par>
23 </body>
24 </smil>
```

FIG. 30

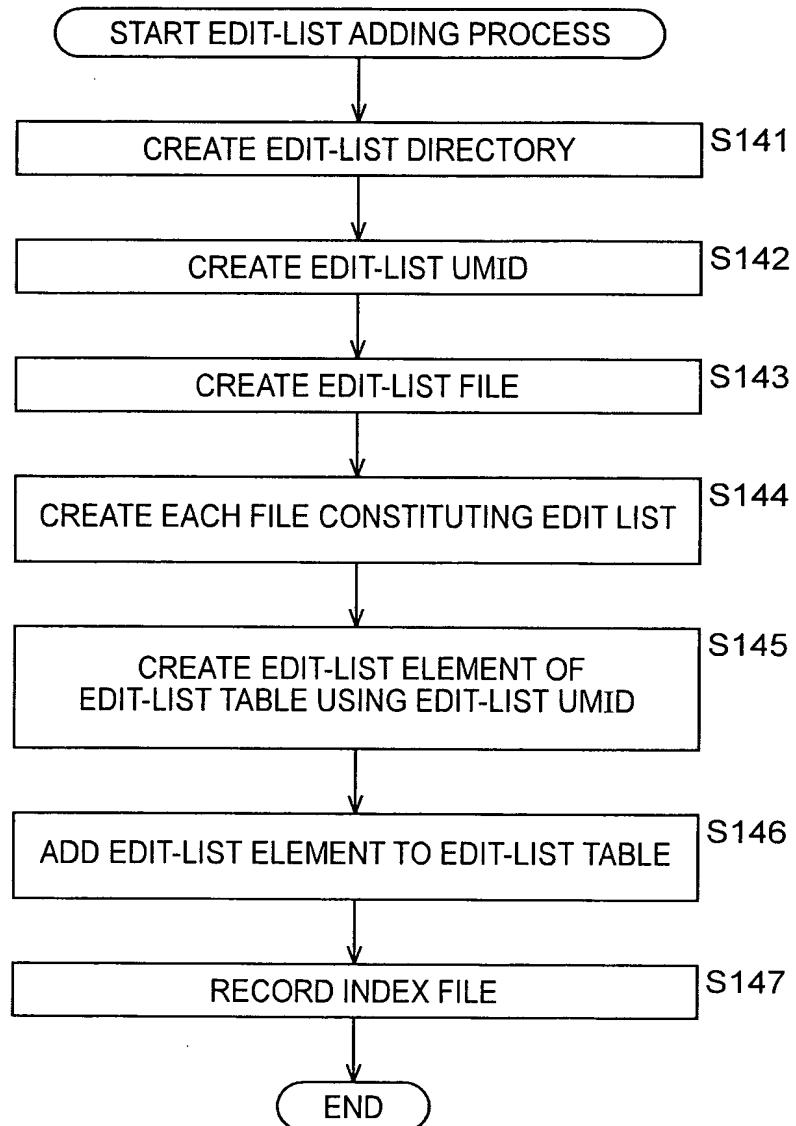


FIG. 31

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```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <smil xmlns="urn:schemas-professionalDisc:ed:editList">
3  <umid="0D1213000000000000001044444484EEE00E0188E130B">
4  <head>
5  <metadata type="Meta">
6  <!-- nonrealtime meta -->
7  <NRMeta xmlns="urn:schemas-professionalDisc:nrt">
8  <ref src="E0002M01.XML"/>
9  </NRMeta>
10 </metadata>
11 </head>
12 <body>
13 <par>
14 <!-- Clip1 -->
15 <ref
16 src="urn:smpTE:umid:060A2B340101010501010D121300000000FEDCBA9876543210FEDCBA9876543210"
17 type="edlDoc" begin="smpTE-30=00:00:00" clipBegin="smpTE-30=00:00:00" clipEnd="smpTE-
18 30=00:10:00"/>
19 <!-- Clip2 -->
20 <ref
21 src="urn:smpTE:umid:060A2B340101010501010D121300000000FEDCBA9876543210FEDCBA9876543210F"
22 type="edlDoc" begin="smpTE-30=00:10:00:00" clipBegin="smpTE-30=00:02:00:00" clipEnd="smpTE-
23 30=00:03:30:00"/>
24 </par>
25 </body>
26 </smil>
```

FIG. 32

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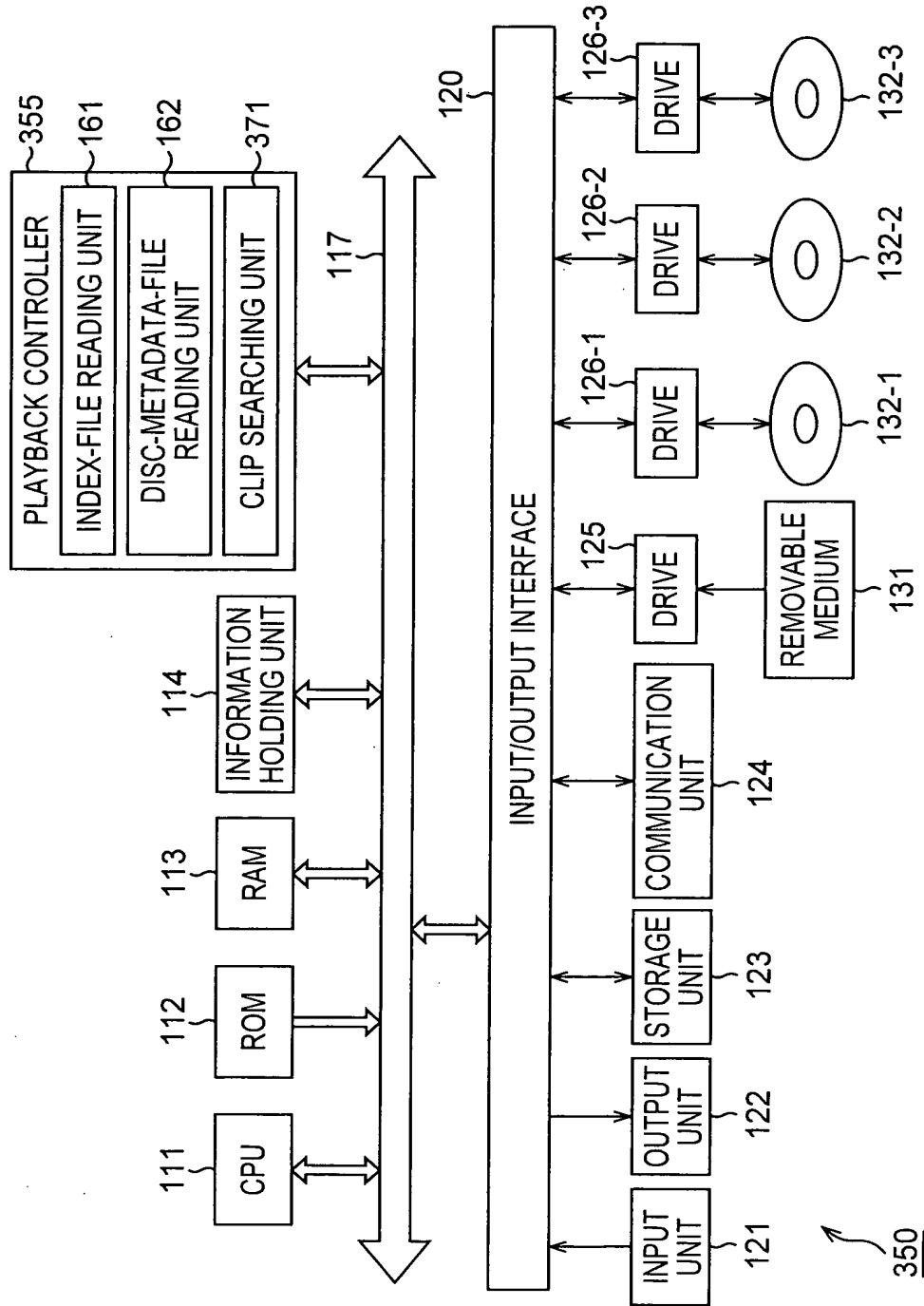


FIG. 33

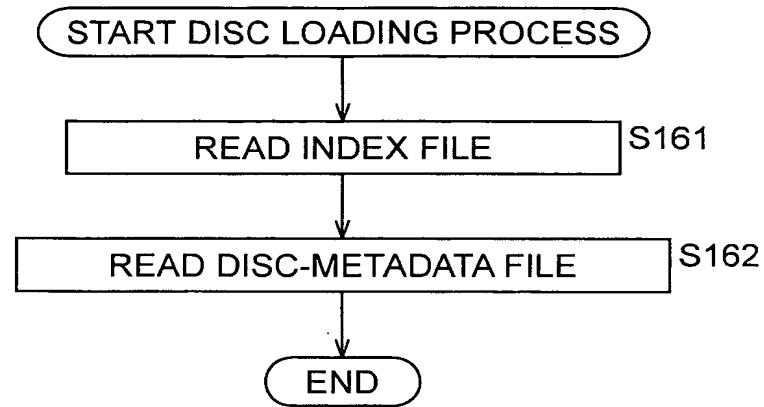


FIG. 34

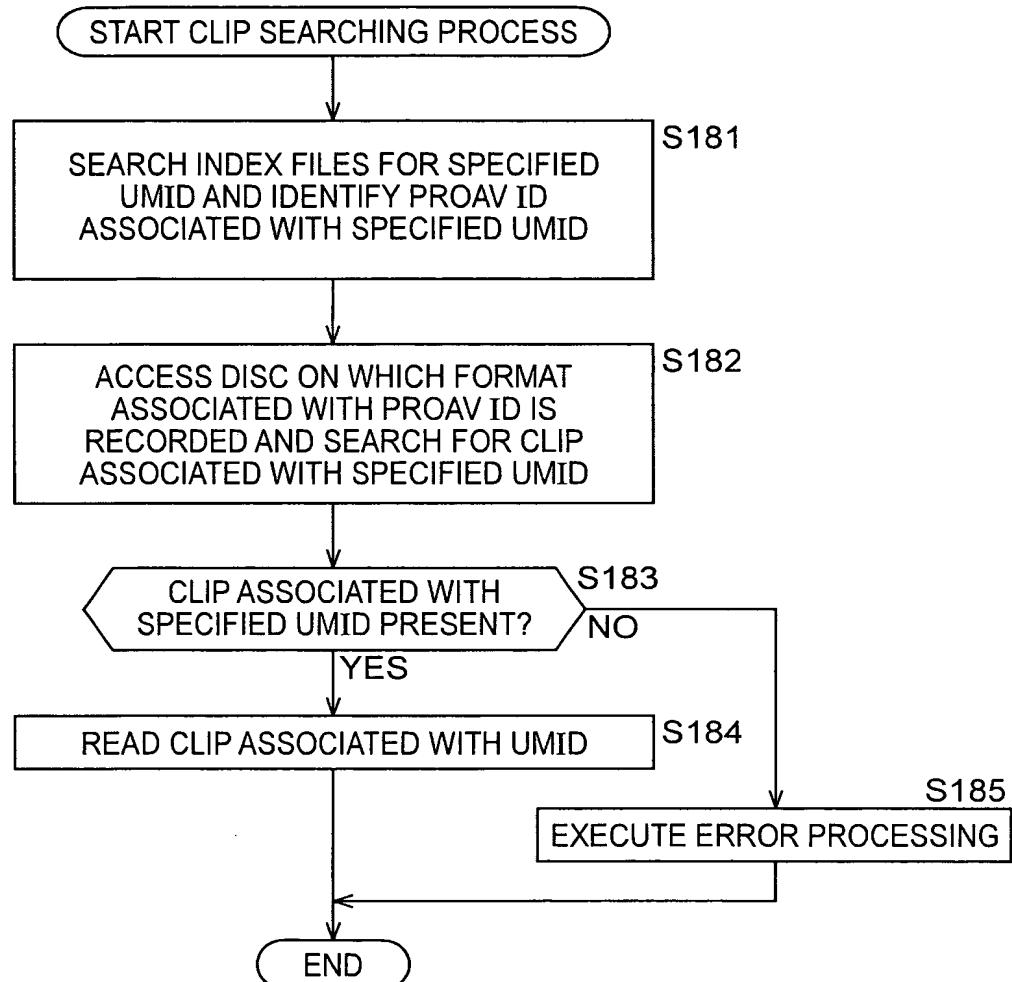
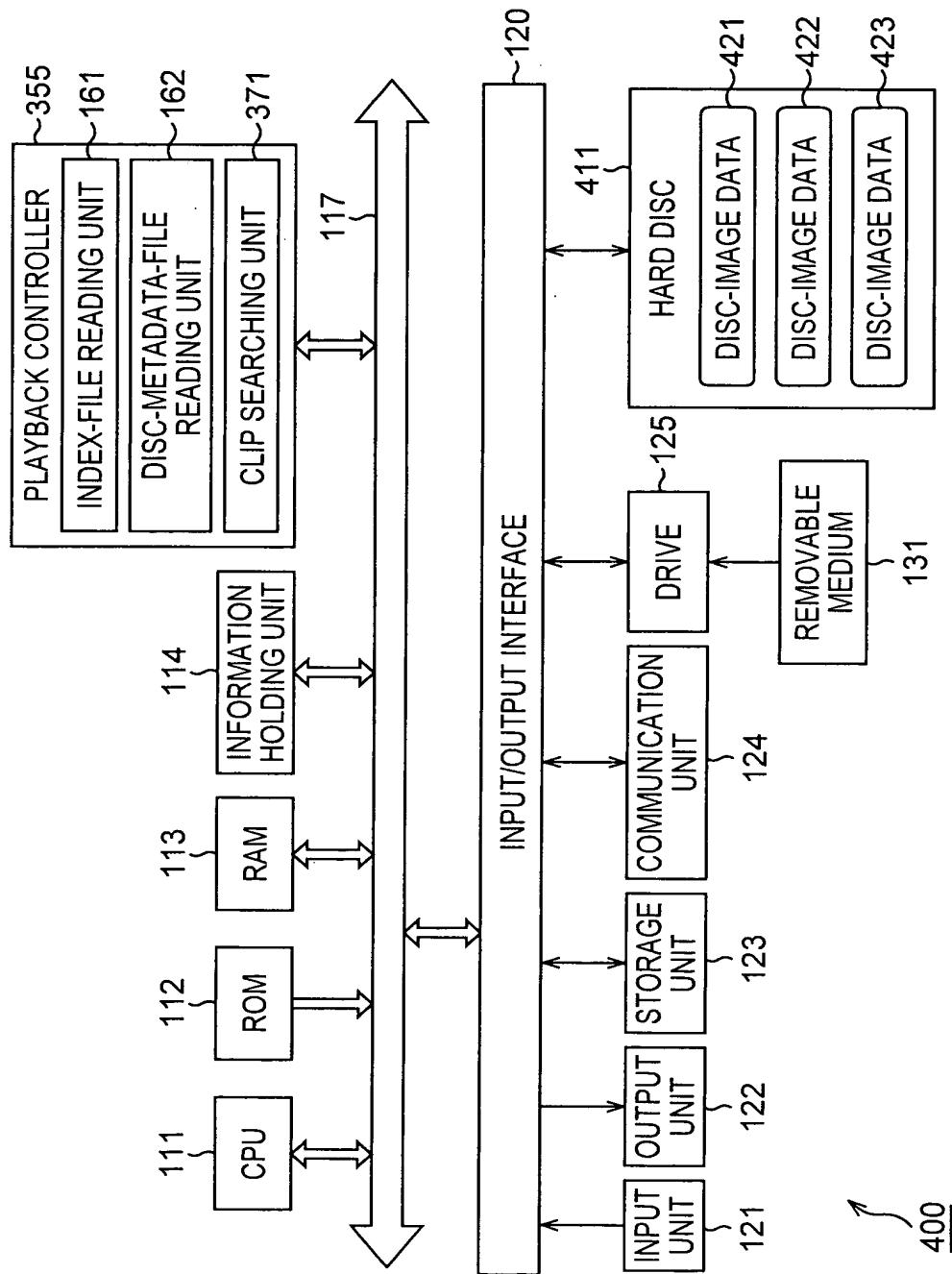


FIG. 35

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FIG. 36

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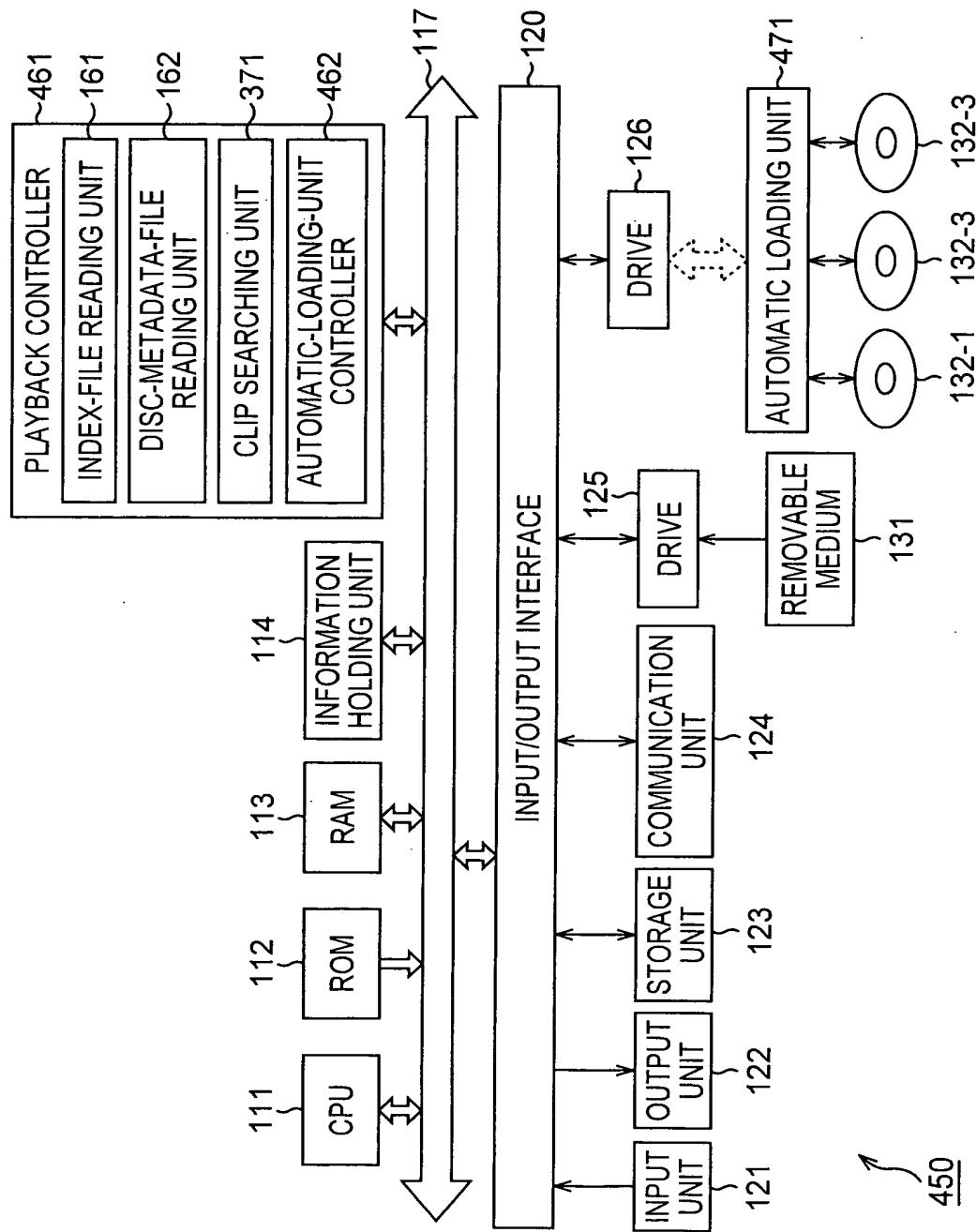


FIG. 37

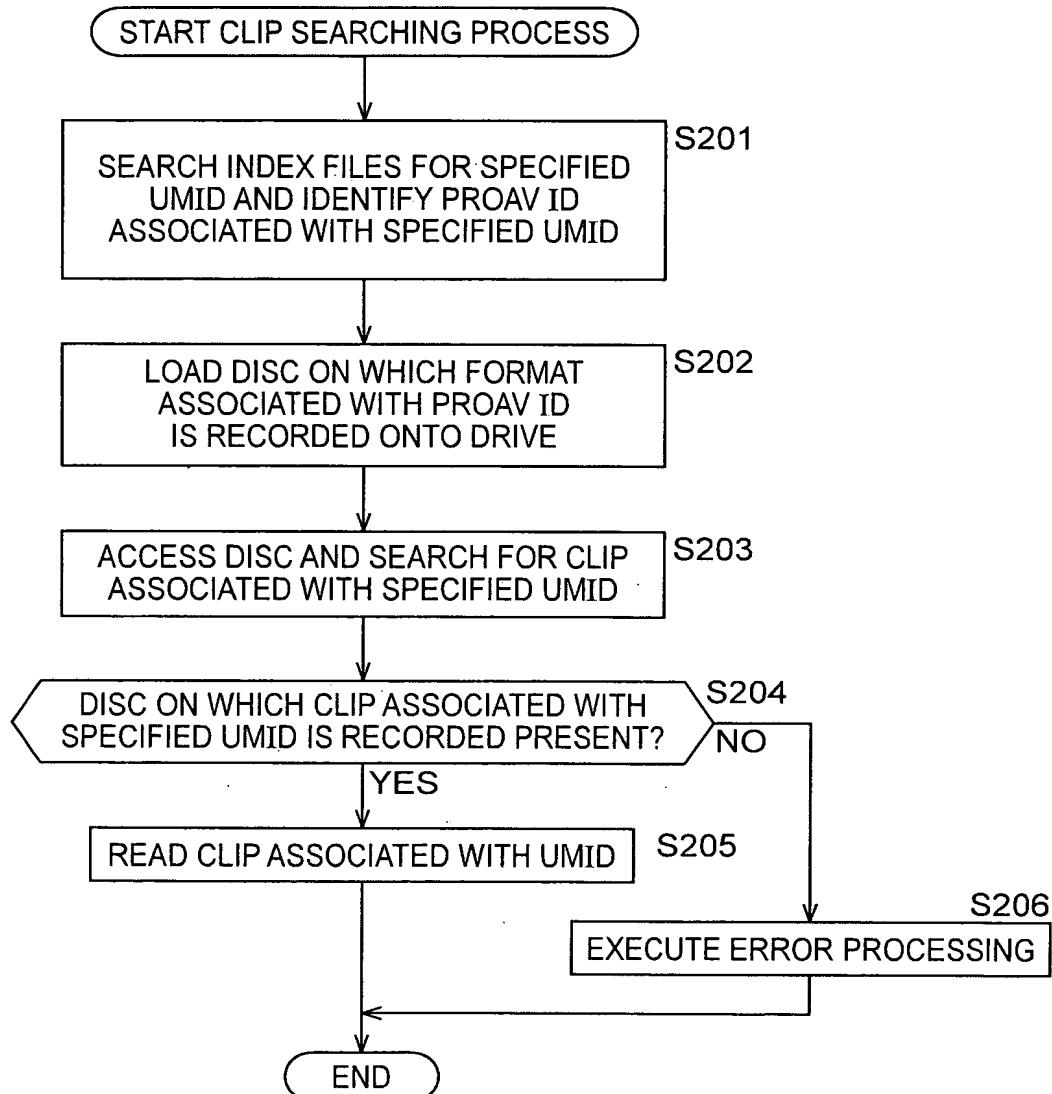


FIG. 38

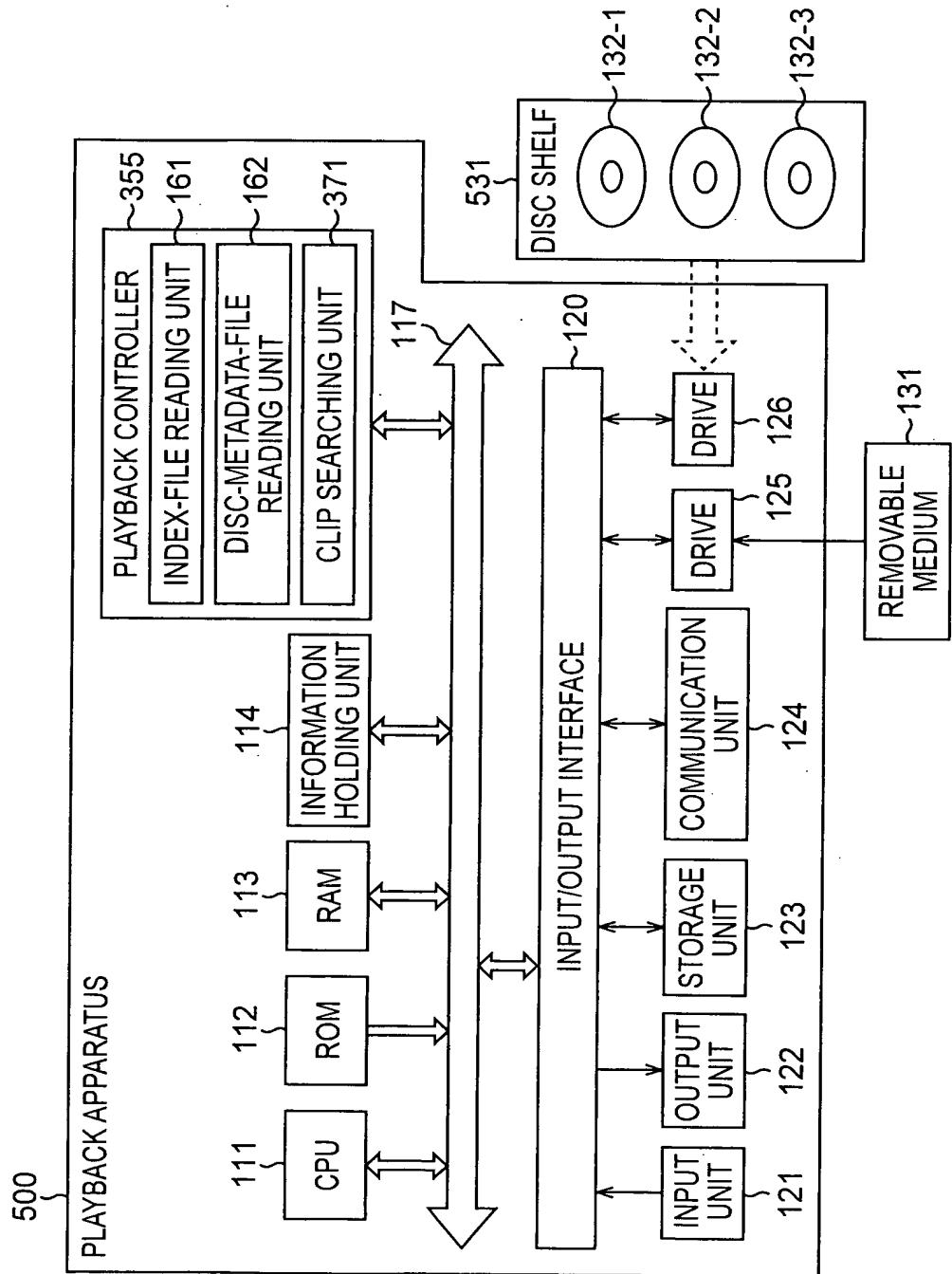
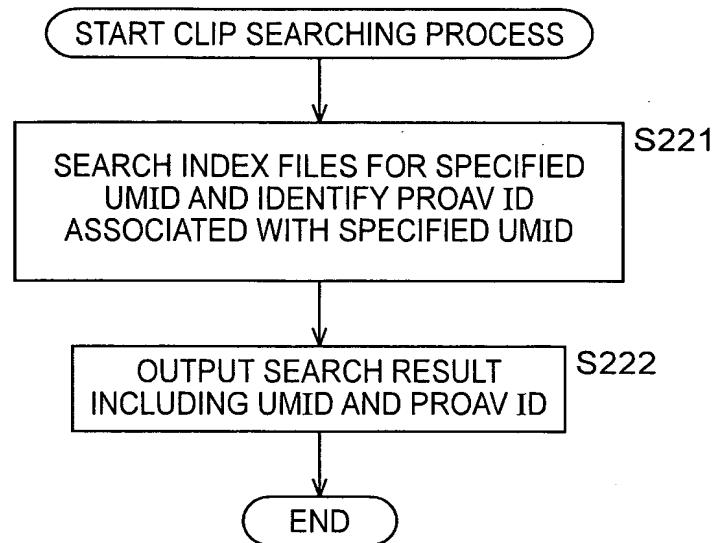


FIG. 39



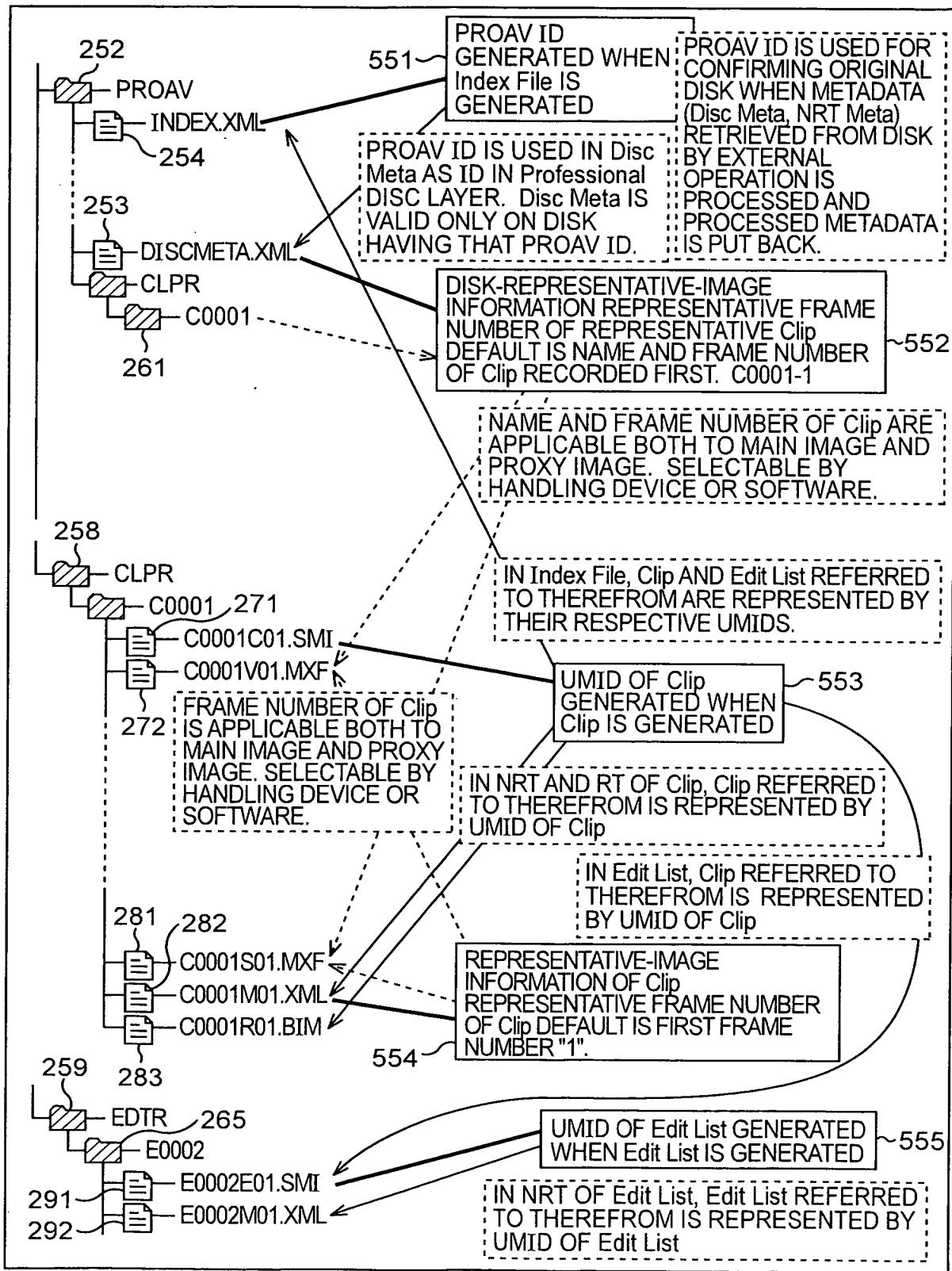
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FIG. 40

FIG. 41

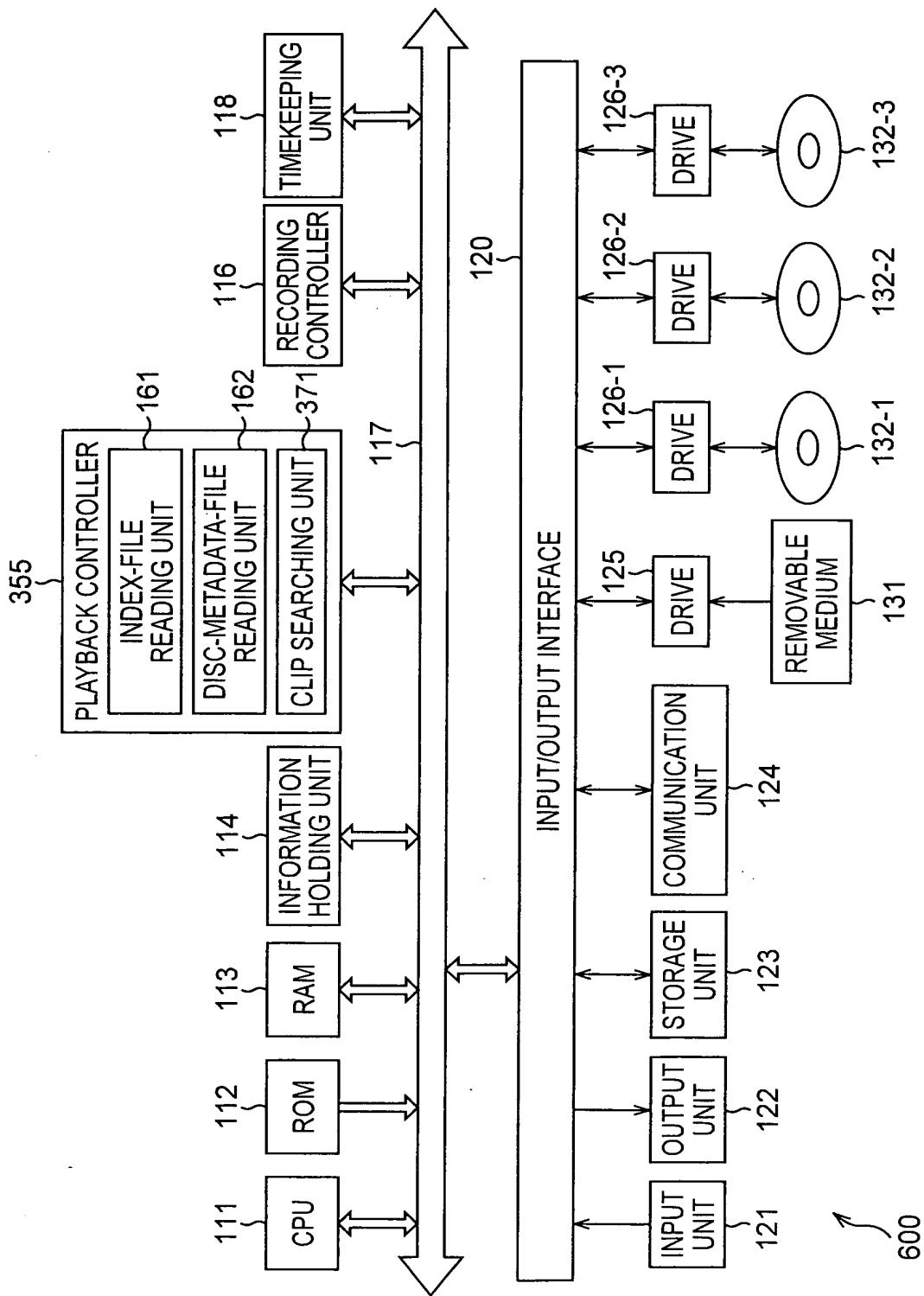


FIG. 42

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